

CURRICULUM VITAE
Charles A. Withers, II, MD

Practice Address: Integrative Rheumatology, PLLC
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Education:

2011-2013	Duke University Division of Rheumatology Fellowship Durham, North Carolina
2008-2011	Duke University Department of Internal Medicine Internship/Residency Durham, North Carolina
2004-2008	Duke University School of Medicine MD Durham, North Carolina
1998-2002	Swarthmore College, Bachelor of Arts, Biology Swarthmore, Pennsylvania

Professional Experience:

2017-Present	Integrative Rheumatology, PLLC Owner/MD
2013-2016	Carolinas Medical Center Northeast Rheumatology Staff Rheumatologist

Publications:

- **Withers, C.A.**, George, R.L., and Keenan, R.T. Diagnosis and management of gout: an update. *JCOM*. 2012. 19(11):519-527.
- **Withers, C.** The comparative activity of broad spectrum antimicrobial agents against nosocomial isolates. *Journal of the Association for Academic Minority Physicians*. 1999. 10(4): p. 118. (abstract)
 - Presented at Johnson and Johnson Minority Trainee Research Forum, San Diego, CA - 1998 (oral and poster)

Presentations/Lectures:

- Duke University Department of Medicine Grand Rounds: It Only Took 50 Years: Benlysta and the Outpatient Management of Lupus. Presented with Megan Clowse, MD, MPH. August 2012.
- North Carolina Rheumatology Association, 2012 Annual Meeting: Fellow's Presentation. *Levamisole Vasculitis in Cocaine Abusers*. April 2012
- Lupus Foundation of America: *Removing the Mask - Understanding Lupus*. February 2012

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Awards/Honors:

- Leonard Tow 2008 Humanism in Medicine Award: presented annually to the graduating medical student and faculty member who best demonstrate the Foundation's ideals of outstanding compassion in the delivery of care, respect for patients, their families, and healthcare colleagues, as well as demonstrated clinical excellence.
- Aspen Health Forum, fellow: 2007
- Duke University School of Medicine Dean's Tuition Scholarship: 2004 - 2008
- Swarthmore College Black Cultural Center Award: for leadership - 2002
- Philadelphia Award: MVP, Men's Varsity Soccer, Swarthmore College - 2001 and 2002 seasons
- Acres of Diamonds Award: winner of the Johnson & Johnson National Abstract Competition - 1999
- Award of Distinction: oral presentation and poster session, Johnson and Johnson Minority Trainee Research Forum, San Diego, CA - 1998

Clinical Research:

University of Texas Medical Branch, Galveston Texas, Dept. Infectious Disease - Research Intern: investigated the motility of pathogens responsible for urinary tract infections - summer 1996

Temple University School of Medicine, Dept. Infectious Disease - Research Intern: characterized the comparable activity of broad spectrum antimicrobial agents against nosocomial isolates - summers of 1997 and 1998

Hospital for Sick Children, Toronto Ontario - Research Intern: developed assays for the isolation and analysis of various intermembrane proteins and cytoskeletal components - summer 1999

Swarthmore College - Research Internship: investigated the effect of daily ethanol consumption on the preference of Siberian Hamsters for diets enriched with saturated versus unsaturated fatty acids - summer 2001

National Institutes of Health - Research Intern: investigated the role of dendritic cells in HIV infection and characterized the reconstitution of the immune system following sub-lethal irradiation in rhesus monkeys - summer 2002

Thomas Jefferson University, Department of Family Medicine - Research Assistant: development, organization, and management of clinical studies investigating: the effect of salmeterol and leukotriene modifiers versus salmeterol and inhaled corticosteroids on pulmonary function; how smoking modulates the outcomes of glucocorticoid therapy; pirfenidone as a novel treatment for diabetic nephropathy; rosuvastatin's ability to modify arterial intima media thickness; and the relationship between capillaroscopy findings and disease status in hypertensive and diabetic patients. - September 2002 - July 2004

Duke University Medical Center, Dept of Radiation Oncology: the effect of involuntary exercise on 4T1 tumor progression and metastasis rates in BALB/C mice using *in vivo* bioluminescent imaging and histology to compare outcomes - September 2006 through September 2007

Duke University Medical Center, Division of Rheumatology: the effect of exercise on lupus disease activity - October 2012 through June 2013

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Sub-Investigator – Abbvie Protocol M15-572: A Phase 3, Randomized, Double-Blind, Study Comparing ABT-494 to Placebo and to Adalimumab in Subjects with Active Psoriatic Arthritis Who Have a History of Inadequate Response to at Least One Non-Biologic Disease Modifying Anti-Rheumatic Drug (DMARD) – SELECT – PsA 1 (2017)

Sub-Investigator – Aurinia Protocol AUR-VCS-2016-01: A Randomized, Controlled Double-blind Study Comparing the Efficacy and Safety of Orelvo (voclosporin) (23.7 mg Twice Daily) with Placebo in Achieving Renal Response in Subjects with Active Lupus Nephritis.

Sub-Investigator – Janssen Protocol CNT01275SLE3001: A Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group Study of Ustekinumab in Subjects with Active Systemic Lupus Erythematosus (SLE). 2018

My signature verifies the information in these curriculum vitae is accurate and updated appropriately.



Signature

7-11-2018

Date

